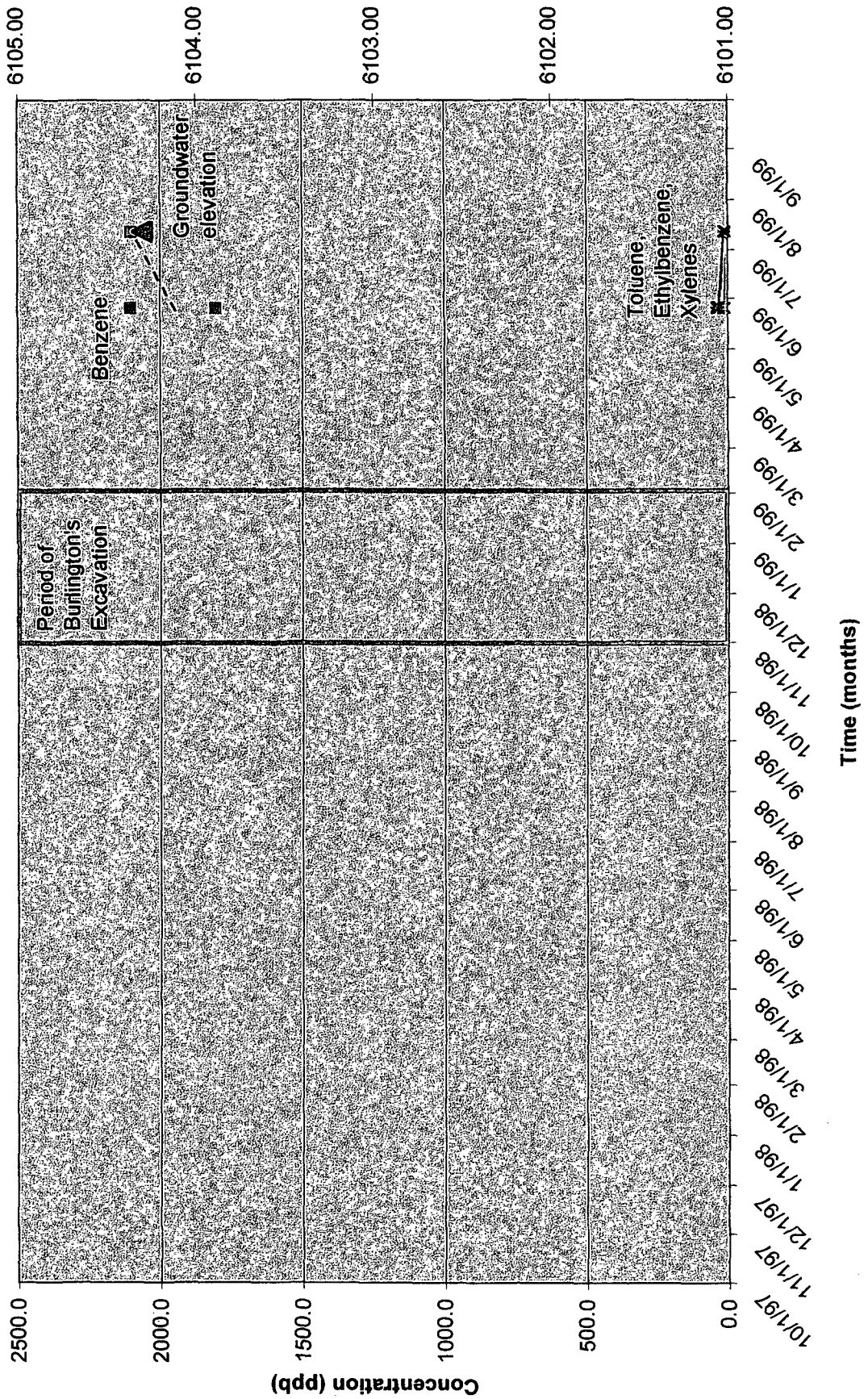
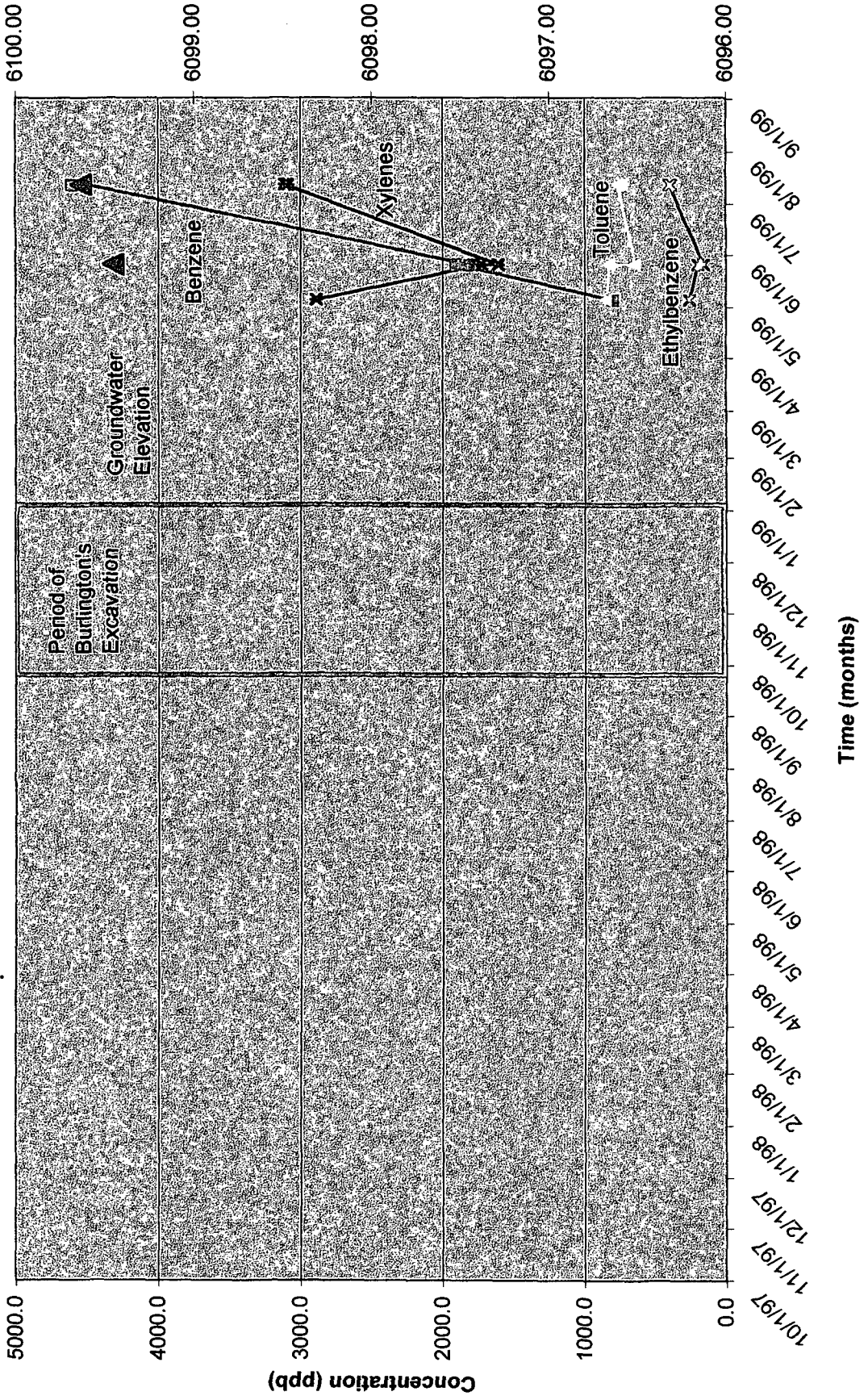


MW-13 Trends with Time



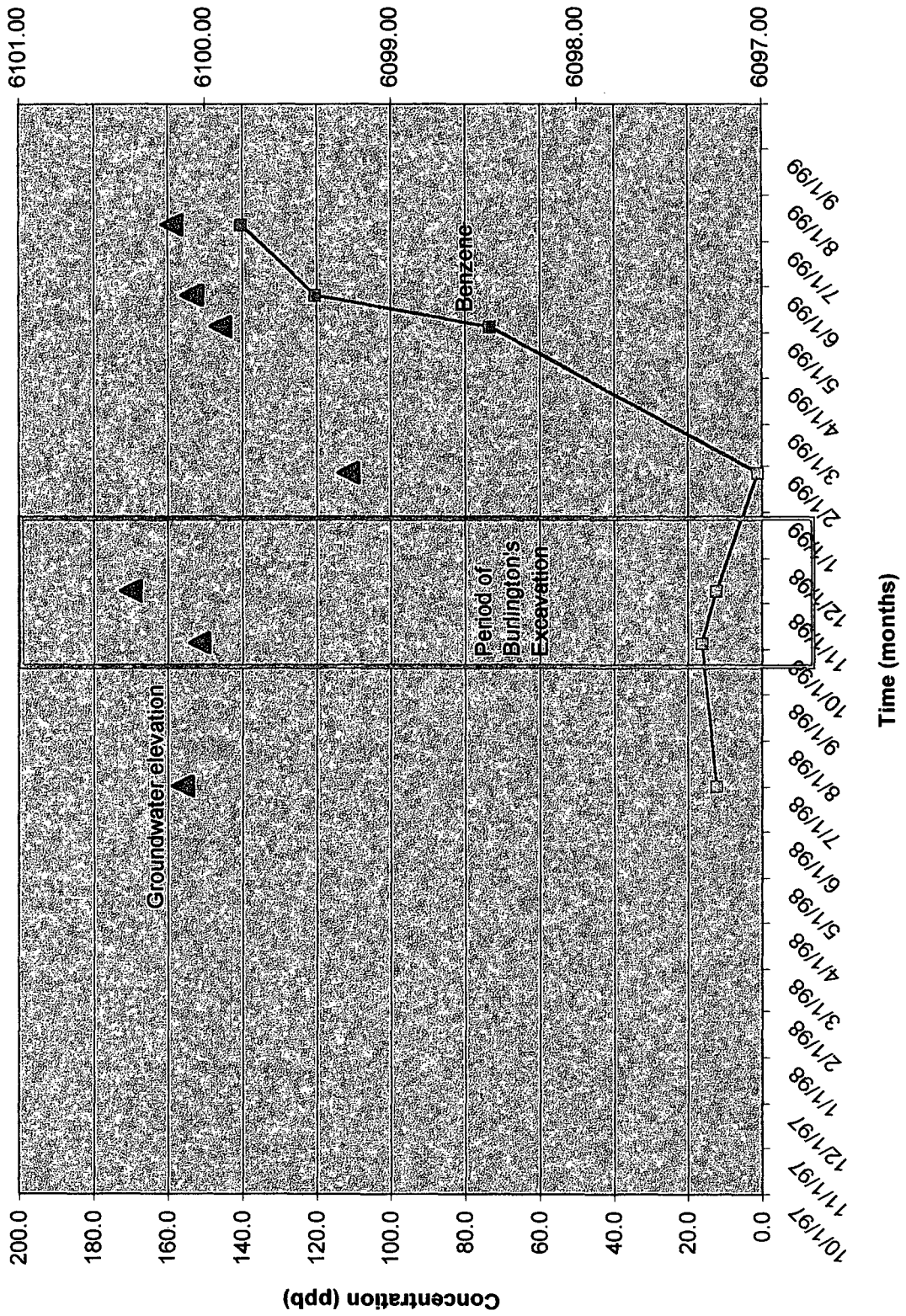
(51500)

MW-12 Trends with Time

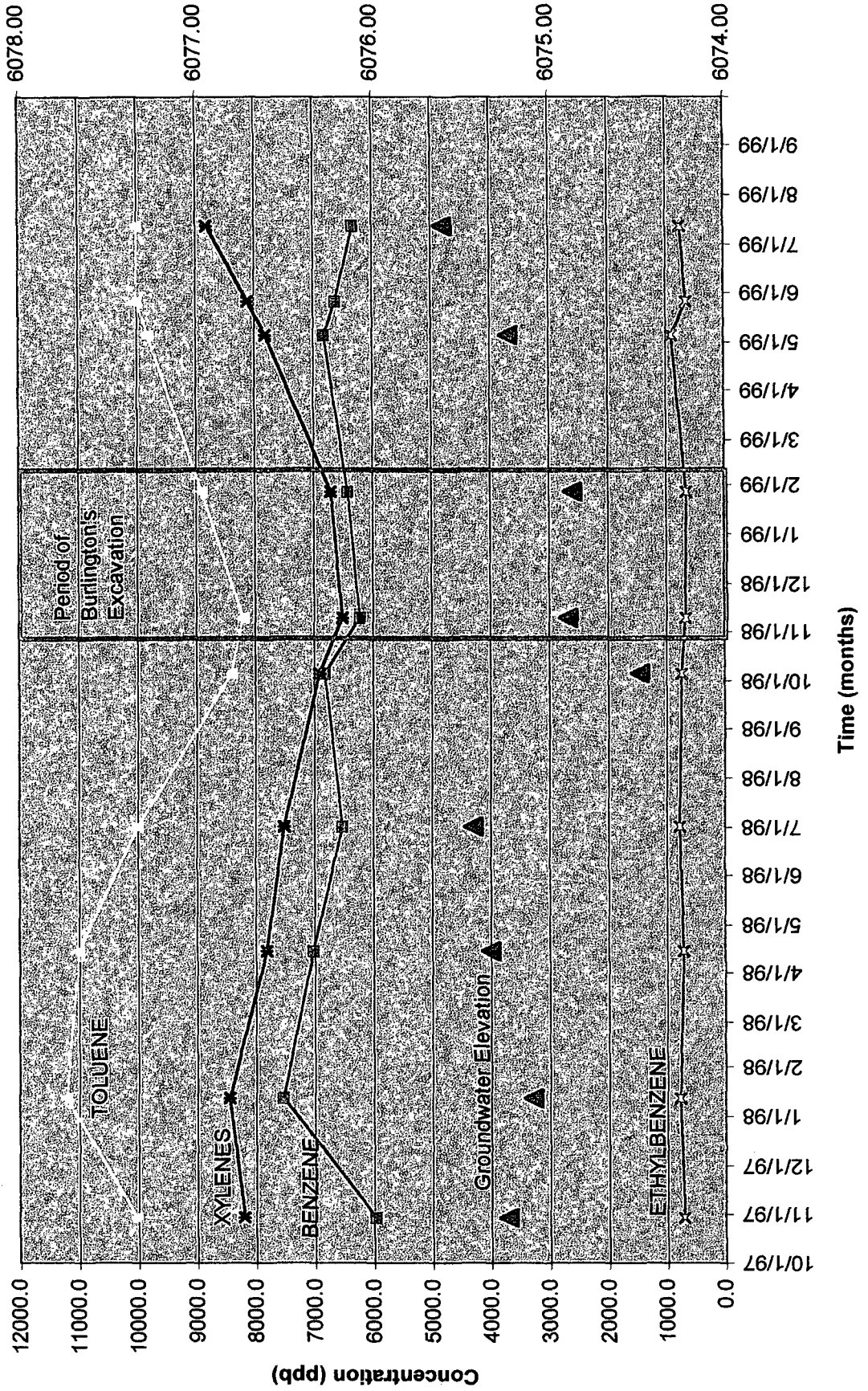


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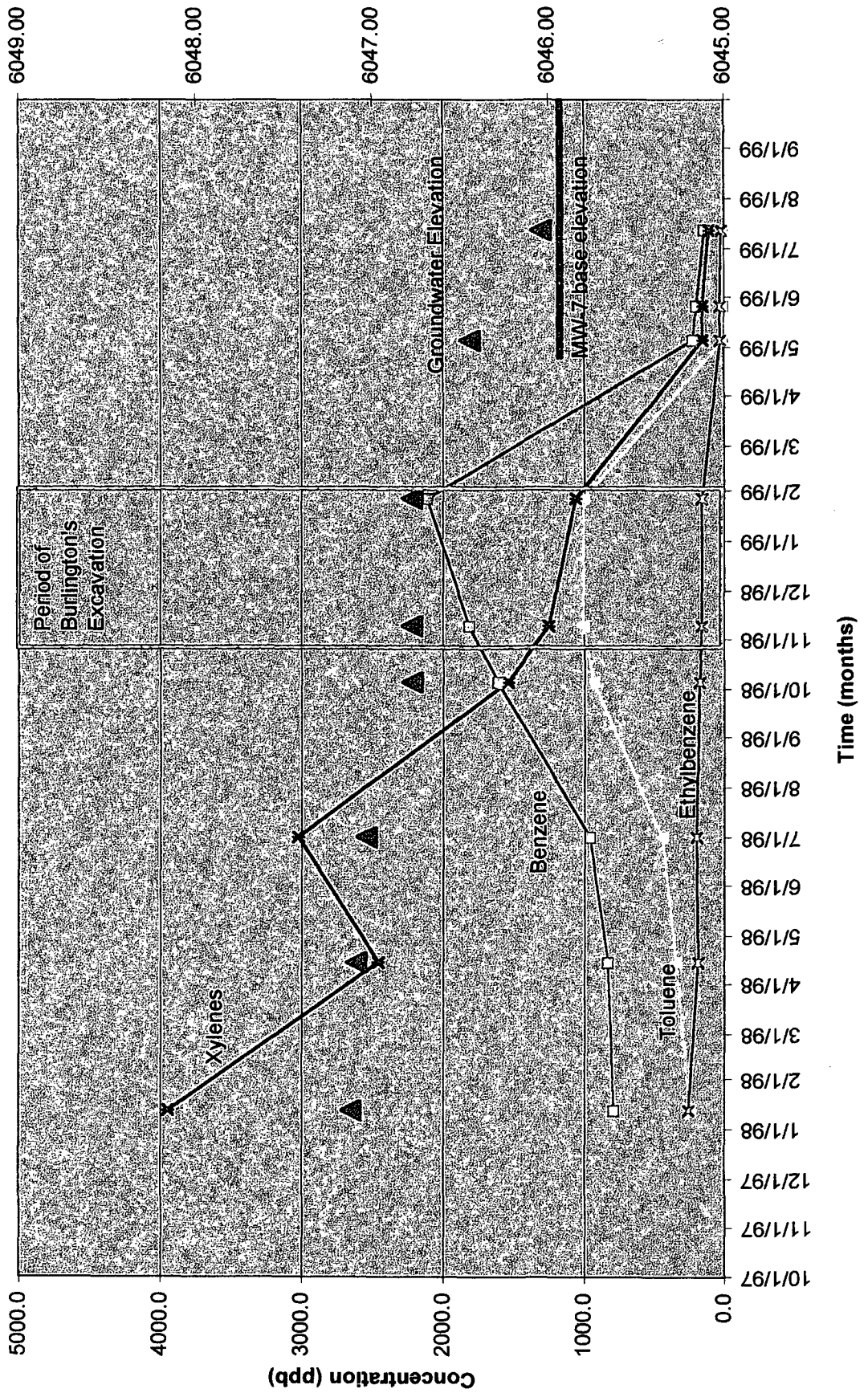
MW-9 Trends with Time



MW-5 Trends with Time



MW-7 Trends with Time

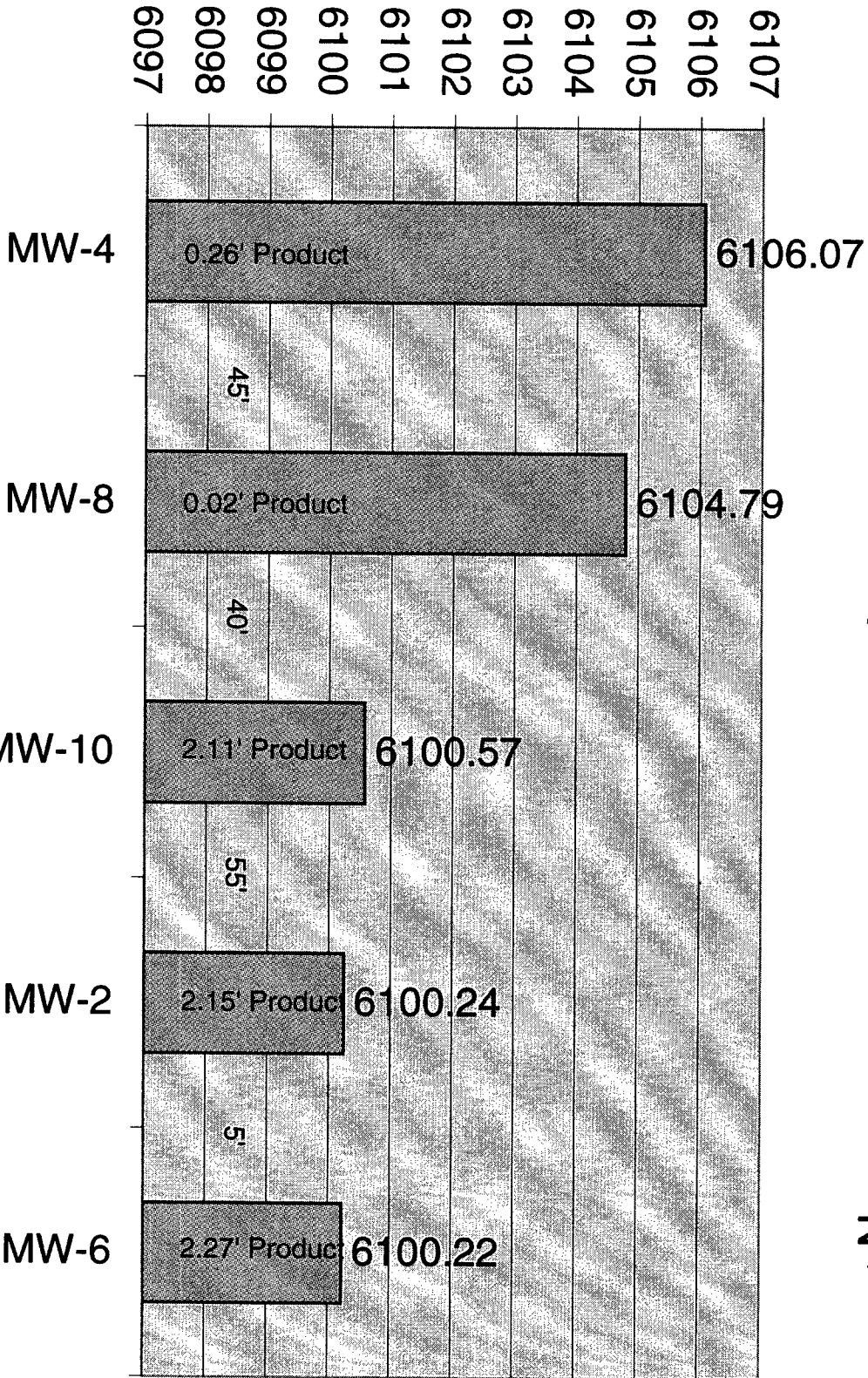


Groundwater Elevation Ft. AMSL
November 1998

Note: GW Elevations are adjusted for free product using a specific gravity of 0.75

Monitor Wells With Product From South To North

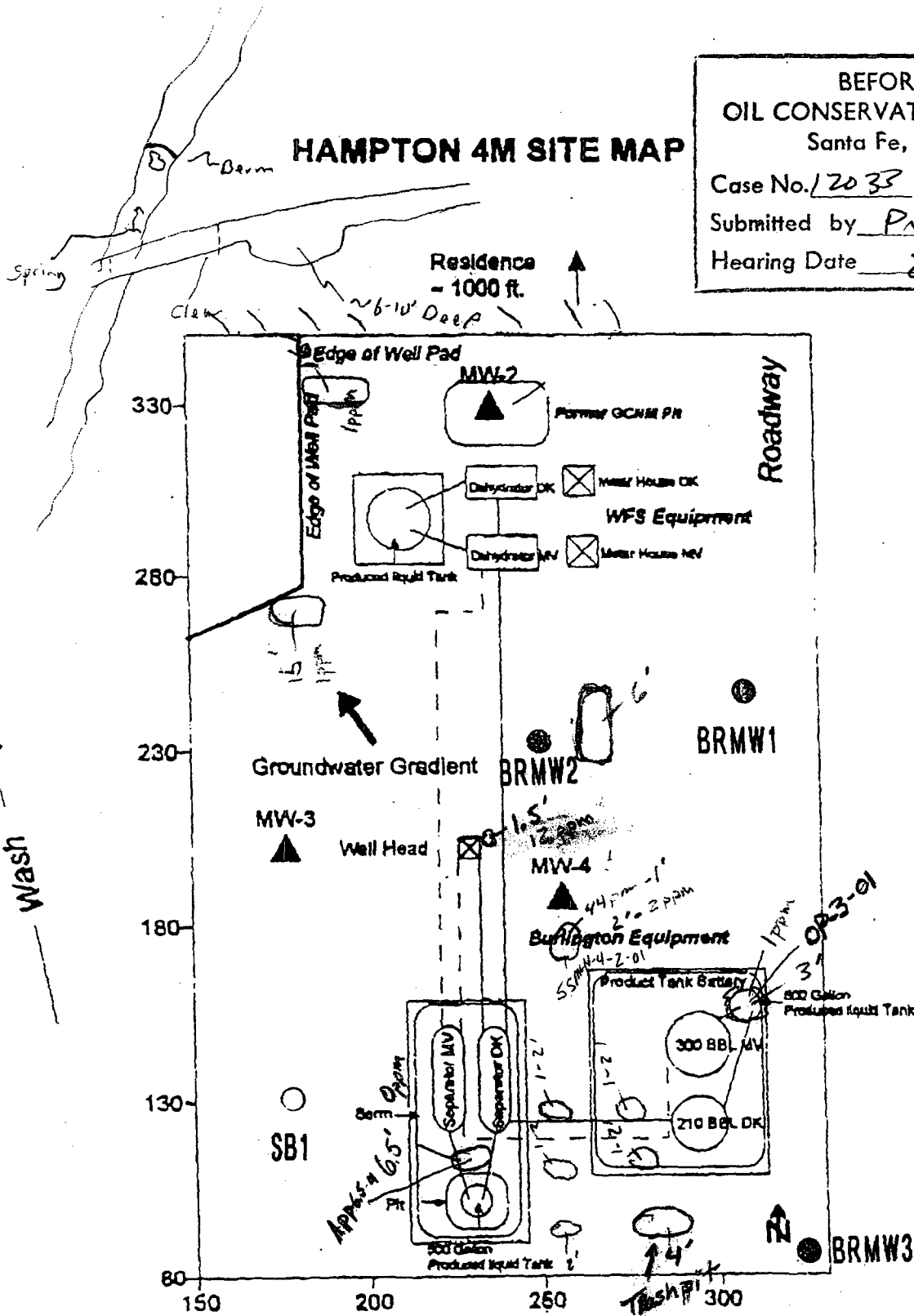
Hampton 4M



PDM 72

BEFORE THE
 OIL CONSERVATION COMMISSION
 Santa Fe, New Mexico
 Case No. 12035 Exhibit No. PJM 23
 Submitted by PJM
 Hearing Date 8-27-98

HAMPTON 4M SITE MAP



Sandstone Bluff

- PROPOSED MONITOR WELL
- PROPOSED SOIL BORING

00005



Ed Hasely
Burlington Resources
3535 E. 30th St.
Farmington, NM 87402

February 3, 1999

Mr. Hasely:

Enclosed, please find the reports for the samples received by our laboratory for analysis on January 20, 1999.

If you have any questions about the results of these analyses, please don't hesitate to call me at your convenience.

Thanks for using IML for your analytical needs!

Sincerely,

Sharon Williams
Sharon Williams
Organics Lab Supervisor

Water sampler from
open excavation
at Hampton 4M

Enclosure

xc: File

241

000026

BEFORE THE	
OIL CONSERVATION COMMISSION	
Santa Fe, New Mexico	
Case No. <u>12033</u>	Exhibit No. <u>Page 74</u>
Submitted by <u>PJM</u>	
Hearing Date <u>8-27-99</u>	



BURLINGTON RESOURCES

Case Narrative

On January 20, 1999, two water samples were submitted to Inter-Mountain Labs - Farmington for analysis. The samples were received intact. Analyses for Benzene-Toluene-Ethylbenzene-Xylenes (BTEX) were performed on the samples as per the accompanying Chain of Custody document.

BTEX analysis on the samples were performed by EPA Method 5030, Purge and Trap, and EPA Method 8021, Aromatic Volatile Hydrocarbons, using an OI Analytical 4560 Purge and Trap and a Hewlett-Packard 5890 Gas Chromatograph, equipped with a photoionization detector. Detectable levels of BTEX analytes were found in the samples as indicated in the enclosed report.

It is the policy of this laboratory to employ, whenever possible, preparatory and analytical methods which have been approved by regulatory agencies. The methods used in the analyses of the samples reported herein are found in Test Methods for Evaluation of Solid Waste, SW-846, USEPA, 1986 and Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020, USEPA, 1983.

Quality control reports appear at the end of the analytical package and may be identified by title. If there are any questions regarding the information presented in this package, please feel free to call at your convenience.

Sincerely,

Sharon Williams
Organic Lab Supervisor

000007



Phone (505) 326-4737 Fax (505) 325-4182

2506 West Main Street, Farmington, NM 87401

Client: Burlington Resources
Project: Hampton 4M
Sample ID: Hampton 4M #1
Lab ID: 0399W00448
Matrix: Water
Condition: Cool/Intact

Date Reported: 02/03/99
Date Sampled: 01/20/99
Date Received: 01/20/99
Date Analyzed: 02/02/99

Parameter	Analytical Result	PQL	Units
Benzene	2,460	1	µg/L
Toluene	4,315	1	µg/L
Ethylbenzene	472	1	µg/L
Xylenes (total)	4,830	2	µg/L

Quality Control - Surrogate Recovery	%	QC Limits
a,a,a-Trifluorotoluene (SUR-8021)	92	70 - 130

Reference: Method 8021, Volatile Organic Compounds, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, United States Environmental Protection Agency, SW-846, Volume IB, December 1987.

Reviewed By: 

Sharon Willams, Organic Lab Supervisor

000008



Inter-Mountain Laboratories, Inc.

Phone (505) 326-4737 Fax (505) 325-4182

2506 West Main Street, Farmington, NM 87401

Client: Burlington Resources
Project: Hampton 4M
Sample ID: Hampton 4M #2
Lab ID: 0399W00449
Matrix: Water
Condition: Cool/Intact

Date Reported: 02/03/99
Date Sampled: 01/20/99
Date Received: 01/20/99
Date Analyzed: 02/02/99

Parameter	Analytical Result	PQL	Units
Benzene	3,718	1	µg/L
Toluene	5,682	1	µg/L
Ethylbenzene	1,437	1	µg/L
Xylenes (total)	7,030	2	µg/L

Quality Control - Surrogate Recovery	%	QC Limits
a,a,a-Trifluorotoluene (SUR-8021)	84	70 - 130

Reference: Method 8021, Volatile Organic Compounds, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, United States Environmental Protection Agency, SW-846, Volume IB, December 1987.

000010

Reviewed By: *Sharon Willams*
Sharon Willams, Organic Lab Supervisor

CHAIN OF CUSTODY RECORD

Client/Project Name		Project Location		ANALYSES / PARAMETERS			
Burlington Resources		Hampton 4M					
Sampler: (Signature)		Chain of Custody Tape No.		No. of Containers	BTEX	Remarks	
Sample No./ Identification	Date	Time	Lab Number	Matrix			
Hampton 4M #1	1/20	9:32g		Water	2	X	
Hampton 4M #2	1/20	9:35		Water	2	X	
<i>JA</i>							
<i>Paul & Family</i>							
<i>David Del</i>							
<i>JA</i>							
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time
<i>E. J. Hardy</i>		1/20	10:30				
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time
Relinquished by: (Signature)		Date	Time	Received by laboratory: (Signature)		Date	Time
				<i>John [Signature]</i>		1/20/97	11:30

Inter-Mountain Laboratories, Inc.

<input type="checkbox"/> 1633 Terra Avenue Sheridan, Wyoming 82801 Telephone (307) 672-8945	<input checked="" type="checkbox"/> 2506 West Main Street Farmingington, NM 87401 Telephone (505) 326-4737	<input type="checkbox"/> 1160 Research Drive Bozeman, Montana 59718 Telephone (406) 586-8450	<input type="checkbox"/> Route 3, Box 256 College Station, TX 77845 Telephone (409) 776-8945
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01-50956

***** PACKING SLIP *****

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PAGE: 1

INTER-MOUNTAIN LABORATORIES, INC.
P.O. BOX 4006
SHERIDAN, WY

(307) 674-7506

INVOICE NUMBER: 9
INVOICE DATE: 02/04/99
LAB LOCATION: 0003
2506 West Main Street
Farmington, NM 87401

Burlington Resources
3535 E. 30th St. 87402-8801
P.O. Box 4289
Farmington

NM 87499-4289

CUSTOMER NO: 030000813 IN
Customer P.O. :

TERMS: NET 30
Attn: Ed Hasely:

SALES CD	DESCRIPTION	QUANTITY	PRICE	AMOUNT
	COC#01-50956, Hampton 4M Rcd:01/20/99 Lab#0399 W0448-49 PS#0009			
301500	BETX-Water	2.00	90.00	180.00
900060	Sales Tax 6%	1.00	10.69	10.69

000031

Balances past due are subject to a late payment charge of 1.5% or \$2.00 minimum per month.

NET INVOICE: 190.69